

**Abstract:**

An USB removable memory with replaceable storage medium for optional upgrade and extension of the storage capacity, including an USB connector, a controller and a flash memory; said USB connector and said controller are integrated as a memory body; the flash memory as the physically-independent storage component is attached to the body, and is electrically connected to the controller. A dismountable back cover is provided in the rear of the housing of the body; a chamber for flash memory part is provided in the body; a flash memory is placed in the chamber; the electrical connection between said flash memory part and said controller is elastic tip-touch connection or plug-in connection. The flash memory is a independent part according to the present invention, which can be mounted/unmounted conveniently onto/from the body, so the memory can be optionally upgraded and extended in its storage capacity, it is convenient for user, the cost is reduced, and the resource is saved